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2-25-04  
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Attorney Ref.: 042390.P5965

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

**Lance Hacking et al.**

Serial No.: 09/122.349

Filed: July 24, 1998

For: **METHOD AND APPARATUS FOR  
PERFORMING CACHE SEGMENT  
FLUSH AND CACHE SEGMENT  
INVALIDATION OPERATIONS**

Examiner: Denise Tran

Art Group: 2186

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FEB 25 2004

Technology Center 2100

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P. O. 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated December 18, 2003, Applicants respectfully request entry of the amendments set forth below and consideration of the remarks that follow.



2186

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |    |                        |               |
|--|----|------------------------|---------------|
|  |    | Application No.        | 09/122,349    |
|  |    | Filing Date            | July 24, 1998 |
|  |    | First Named Inventor   | Lance Hacking |
|  |    | Art Unit               | 2186          |
|  |    | Examiner Name          | Tran, D.      |
| Total Number of Pages in This Submission | 20 | Attorney Docket Number | 42390P5965    |

### ENCLOSURES (check all that apply)

|  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment / Response                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert a Provisional Application                  | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund   | <input type="checkbox"/> Return receipt postcard   |
| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> CD, Number of CD(s)  |  |
| <input type="checkbox"/> PTO/SB/08   |   |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              |   |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |  |
| <input type="checkbox"/> Basic Filing Fee                                    |   |  |
| <input type="checkbox"/> Declaration/POA                                     |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |
| Remarks  |   |  |

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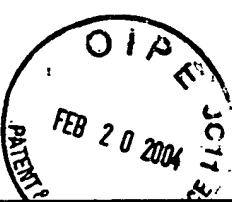
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |  |
|-------------------------|--|
| Firm or Individual name | Joseph Lutz, Reg. No. 43,765<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature               |  |
| Date                    | February 17 2004   |

### CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

|                       |              |
|-----------------------|--------------|
| Typed or printed name | Marilyn Bass |
| Signature             |              |
| Date                  | 02/17/04     |



# FEES TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

|                      |               |
|----------------------|---------------|
| Application Number   | 09/122,349    |
| Filing Date          | July 24, 1998 |
| First Named Inventor | Lance Hacking |
| Examiner Name        | Tran, D.      |
| Art Unit             | 2186          |
| Attorney Docket No.  | 42390P5965    |

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FEB 25 2004

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | FeePaid                |
|--------------|----------|--------------|----------|------------------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |
| 1002         | 340      | 2002         | 170      | Design filing fee      |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |
| SUBTOTAL (1) |          | (\$)         |          |                        |

### 2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Extra Claims | Fee from below | FeePaid |
|--------------|--------------------|--------------|----------------|---------|
|              |                    | - 38 - =     | x              |         |
|              |                    | 9 =          | x              | =       |

Multiple Dependent

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                         |
| 1203         | 290      | 2203         | 145      | Multiple Dependent claim, if not paid                     |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) |          | (\$)         |          |   |

\*or number previously paid, if greater, For Reissues, see below

## 3. ADDITIONAL FEES

| Large Entity        | Small Entity | Fee Description  | FeePaid |
|---------------------|--------------|--|---------|
| 1051                | 130          | 2051 65 Surcharge - late filing fee or oath  |         |
| 1052                | 50           | 2052 25 Surcharge - late provisional filing fee or cover sheet                     |         |
| 2053                | 130          | 2053 130 Non-English specification   |         |
| 1812                | 2,520        | 1812 2,520 For filing a request for ex parte reexamination                         |         |
| 1804                | 920 *        | 1804 920 Requesting publication of SIR prior to Examiner action                    |         |
| 1805                | 1,840 *      | 1805 1,840 Requesting publication of SIR after Examiner action                     |         |
| 1251                | 110          | 2251 55 Extension for reply within first month                                     |         |
| 1252                | 420          | 2252 210 Extension for reply within second month                                   |         |
| 1253                | 950          | 2253 475 Extension for reply within third month                                    |         |
| 1254                | 1,480        | 2254 740 Extension for reply within fourth month                                   |         |
| 1255                | 1,210        | 2255 605 Extension for reply within fifth month                                    |         |
| 1404                | 330          | 2401 165 Notice of Appeal  |         |
| 1402                | 330          | 2402 165 Filing a brief in support of an appeal                                    |         |
| 1403                | 290          | 2403 145 Request for oral hearing  |         |
| 1451                | 1,510        | 2451 1,510 Petition to institute a public use proceeding                           |         |
| 1452                | 110          | 2452 55 Petition to revive - unavoidable   |         |
| 1453                | 1,330        | 2453 665 Petition to revive - unintentional  |         |
| 1501                | 1,330        | 2501 665 Utility issue fee (or reissue)  |         |
| 1502                | 480          | 2502 240 Design issue fee  |         |
| 1503                | 640          | 2503 320 Plant issue fee   |         |
| 1460                | 130          | 2460 130 Petitions to the Commissioner   |         |
| 1807                | 50           | 1807 50 Processing fee under 37 CFR 1.17(q)  |         |
| 1806                | 180          | 1806 180 Submission of Information Disclosure Stmt                                 |         |
| 8021                | 40           | 8021 40 Recording each patent assignment per property (times number of properties) |         |
| 1809                | 770          | 1809 385 Filing a submission after final rejection (37 CFR § 1.129(a))             |         |
| 1810                | 770          | 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))          |         |
| 1801                | 770          | 2801 385 Request for Continued Examination (RCE)                                   |         |
| 1802                | 900          | 1802 900 Request for expedited examination of a design application                 |         |
| Other fee (specify) |              |  |         |
| SUBTOTAL (2)        |              | (\$)   |         |

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Complete (if applicable)

|                   |             |                                   |        |           |                |
|-------------------|-------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Joseph Lutz | Registration No. (Attorney/Agent) | 43,765 | Telephone | (310) 207-3800 |
| Signature         |             |                                   |        | Date      | 02/17/04       |

Based on PTO/SB/17 (10-03) as modified by Blakey, Solokoff, Taylor & Zafman (wir) 02/10/2004  
SEND TO: Commissioner for Patents, P.O. Box 1850, Alexandria, VA 22313-1450